

WHAT IS CLAIMED IS:

1	1. A communication network system, comprising:
2	a content server coupled with a transmitting location;
3	a content server coupled with a receiving center;
4	a QOS guaranteed network connecting the transmitting location and the
5	receiving center;
6	a non-QOS guaranteed network connecting the transmitting location and the
7	receiving center;
8	a buffer coupled with the transmitting location;
9	a buffer coupled with the receiving center;
.0	a transmitting stream manager for routing traffic to either QOS guaranteed or
.1	non-QOS guaranteed data networks;
2	a receiving stream manager for detecting demand for specific data at the
3	receiving center.
1	2. The communication network of claim 1 where the QOS guaranteed
2	data network is a QOS guaranteed quality of service (QOS) guaranteed network.
1	3. The communication network of claim 1 where the QOS guaranteed
2	data network is any packet based network.
1	4. The communication network of claim 1 where the QOS guaranteed
2	data network is a digital cable network between the transmitting location and the receiving
3	location.
1	5. The communication network of claim 1 where the non-QOS
2	guaranteed data network is an Internet Protocol (IP) based network.
1	6. The communication network of claim 1 where the non-QOS
2	guaranteed data network is any packet based network.
1	7. The communication network of claim 1 where the non-QOS
2	guaranteed data network is any communication network between the transmitting location
3	and the receiving location.

until all of the packets necessary to reconstruct the data is received.

The buffer of claim 1, where the buffer is capable of holding the data

The buffer of claim 1, where the buffer is able to reconstruct the data.

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1 2

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1 2

data.

18.

19.

content to the non-QOS guaranteed network.

normal delivery of data to the receiving center.

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The transmitting stream manager of claim 1 capable of redirecting

The transmitting stream manager of claim 1 capable of resuming